

TECHSPEC® 9mm Dia. x 15mm FL, NIR II Coated, Achromatic Lens



Stock **#45-824** ☐ In Stock

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):
15.00

Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 11.59
Focal Length Specification Wavelength (nm): 880.00
Clear Aperture CA (mm): 8.1
Centering (arcmin): <1
Center Thickness CT (mm): 6.20 ±0.10
Center Thickness CT 1 (mm): 4.20 ±0.05
Center Thickness CT 2 (mm): 2.00 ±0.05
Radius R₁ (mm): 9.68
Radius R₂ (mm): -7.91
Radius R₃ (mm): -39.89
Edge Thickness ET (mm): 4.84
Substrate: ☐ N-LAK22 / N-SF6
Surface Quality: 40-20
f/#: 1.67
Numerical Aperture NA: 0.30
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 750 - 1550

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View